

## FIBERGLASS INSULATED WIRE

Characteristics		
<b>Conductor material</b>	<ul style="list-style-type: none"> <li>• Copper soft or with controlled proof stress (CPR)</li> <li>• Aluminium soft</li> </ul>	
<b>Type of insulation</b>	E-glass, alkali free varnish-impregnated  Type of varnish for impregnation: <ul style="list-style-type: none"> <li>• polyurethane (TI 155)</li> <li>• polyesterimide (TI 180)</li> <li>• epoxy (TI 155)</li> <li>• epoxy B-stage (TI 155)</li> </ul>	
<b>Insulation options</b>	<ul style="list-style-type: none"> <li>• 1 or 2 layers tangentially lapped</li> <li>• 2 layers cross lapped</li> <li>• Insulation increase to IEC 60317-0-4</li> </ul>	
<b>Standards</b>	IEC 60317-31 IEC 60317-32 Customer Specification	
<b>Standard range of dimensions</b>	Copper	Aluminium
<b>cross-section (mm<sup>2</sup>)</b>	2 to 120	5 to 120
<b>width (mm)</b>	2,00 to 20,00	4,00 to 20,00
<b>thickness (mm)</b>	1,00 to 6,00	2,00 to 6,00
<b>ratio w/t</b>	< 10	< 10
<b>Applications</b>	<ul style="list-style-type: none"> <li>• Power generators</li> <li>• Traction motors</li> </ul>	